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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Qi et al.

Application No.: 10/031,520

Confirmation No.: 6223

Filed: January 17, 2002

For: PROTEOGLYCAN EXTRACTS OF
ALGAE AND USES THEREOF

Group: 1632

Examiner: Not Yet Known

Our File: CSI3-PT001

Date: July 17, 2002

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PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the present application as noted in detail below.

IN THE SPECIFICATION

On page 1, delete the paragraph spanning lines 17 through 23 and insert the following:

a! -- Japanese patent application 58-128322 discloses a proteoglycan extracted from microalgae and spirulina inhibiting the growth of leukemia cells. However, no other activities of such a proteoglycan have been disclosed in this application. Although a process for extraction of the proteoglycan from spirulina disclosed therein, the process fails to involve the step of breaking the cellular wall of spirulina. Therefore, the process in this Japanese patent application is expected to be only applied in the laboratory, rather than in the industry with a large scale. --